Abstract

A connecting element is proposed for weight measurement in a vehicle seat, which has connecting means and bus communications means. The connecting means make possible connecting to a single-wire bus. Furthermore, a method is proposed for making possible the bus communications between a control unit as master and at least one connecting element as slave. In this context, an address is assigned to the connecting element for the bus communications as a function of the serial number of the connecting element. Furthermore, a bus system is proposed having a control unit for activating personal protective means as a master, and at least two connecting elements which are configured for weight measurement in a vehicle seat. The bus system is developed as a single-wire bus.

(Figure 1)